

EG&G ROCKY FLATS, INC.
ROCKY FLATS PLANT, P.O. BOX 464, GOLDEN, COLORADO 80402-0464 • (303) 966-7000

90-RF-7243

Attn: D. P. Simonson

Reference: D. P. Simonson ltr to J. M. Kersh, WMED:10746, 207B South Solar Evaporation Pond, December 4, 1990

EMAD's assessment is, that a release has not occurred from the pond, and that the liner integrity has not been compromised. Investigations regarding possible sources of hydrostatic pressure and historical circumstances which may identify the source and potential remedies continue. We will advise your staff immediately upon discovery of any information which may confirm or refute our opinions, or any significant observed changes in the condition. EMAD personnel have made a diligent investigation of possible causes of this condition and are continuing to assess the problem and locate the source. Additional field investigations are currently being conducted, and daily monitoring of the pond will continue, until the problem is mitigated.

It is important to understand that this is a very difficult problem to adequately characterize and we are not completely confident without understanding of its cause(s). If conditions causing this problem become worse, it is conceivable that the hypalon liner could rupture. If this occurs, the pond contents would be contained only by the two lining layers, installed prior to the hypalon. Since the integrity of these lower layers cannot be considered to be sufficient containment, a contingency plan for immediate evacuation of pond liquid will be developed.

~~K.F. Vetter 059 (MNR)~~
1/4/92

A-UU04-000102

ADMIN RECORD

| | | |
|----------------|---|---|
| TORRES CONTROL | x | x |
|----------------|---|---|

CLASSIFICATION:

| | | |
|--------------|--|--|
| UCNI | | |
| UNCLASSIFIED | | |
| CONFIDENTIAL | | |
| SECRET | | |

AUTHORIZED CLASSIFIER
SIGNATURE

George H. Setlock

DATE 12/5/90--

IN REPLY TO LTR NO.

11/16

PC# _____

LTR APPROVALS

SEE: *See*

ORIG & TYPIST INITIALS

55-18

RF-46469 (Rev 10/90)

R. M. Nelson, Jr.
December 6, 1990
90-RF-7243
Page 2

If you have any questions or require additional information, please call Bob James of my staff at extension 5006.



J. M. Kersh, Associate General Manager
Environmental Restoration & Waste Management
EG&G Rocky Flats

BJ:la

Orig. and 1 cc - R. M. Nelson, Jr.